RESEARCH AND DEVELOPMENT, NEUCHATEL - QUARTERLY REPORT

DIVISION : PROCESS DEVELOPMENT

SUBJECT TITLE : TURNER

PERIOD COVERED : OCTOBER - DECEMBER 1988

WRITTEN BY : Frattolillo-A. (ANF), Wood-C. (CWO)

KEYWORDS : turner, burley, p&s, capacity, drying

OBJECTIVES
==========

Assist PMH in achieving an increase in Burley production capacity to meet the forecasted requirements and provide adequate maintenance and cleaning time within the three shift primary operations.

Give technical support within the scope of achieving the increased throughput while maintaining current quality and subjective standards at a minimum of 1'700 kg per dryer per hour, up from 1'450 kg/h standard for each dryer.

STATUS
======

Confirmation and new US profiles were conducted during week 35 in BOZ with the following formats :

Test	Flow/Dryer	Tunnels	Concentrated Spray	Temp. Profile
1.	1'700 kg/h	yes	123 lt/1000	85-95-85 °C
2.	1'700 kg/h	yes	130 lt/1000	90-95-90 °C
3.	1'700 kg/h	yes	normal	100-100-85 °C
Control	1'450 kg/h	no	normal	100-100-85 °C

Panel A evaluated these trials on September 29 and expressed a clear preference for test No. 1 or the standard US drying profile of 85 - 95 - 85 °C.

A full industrial trial to confirm these results was recommended by Panel A prior to final approval. These trials were conducted in week 40 for confirmation and resulted in acceptance by Panel A for the US drying profile at 1'700 kg/hr per dryer.

BOZ will now proceed to confirm these results on the remaining blends and subjectively screen the results through the local Panel B for acceptance. All Burley production is expected to be at the 1'700 kg/hr rate by early 1989, following confirmation results on BBS, L&M, Merit and Philip Morris production.

2028635366

Source: https://www.industrydocuments.ucsf.edu/docs/rrnm0000

REFERENCES
==========

(1)	Newman-T.A.	to distribution, "P&S Dryers Cooling Zone OV's", November 11, 1986
(2)	Van Hoydonck-E.	to Peterse-J.H., "Capacity Increase Burley", March 10, 1987
(3)	Committee Report	to distribution, "P&S Operating Standards", July 14, 1987
(4)	De Borst-E.	to Friedrich-H., "Burley Capacity Increase", December 14, 1987
(5)	Peterse-J.H.	to Wood-C., "Data Apron Capacity Increase Test Bergen-op-Zoom", January 18, 1988
(6)	Wood-C.	to Peterse-J.H., "Apron Dryer Capacity Increase BOZ", January 19, 1988
(7)	Van Kalmthout-G., Appleboom-H.	to Loos-P., "MC after P&S dryers", March 16, 1988
(8)	Van Kalmthout-G.	to Gally-A., "Chemical Analysis Apron Capacity Test", March 10, 1988
(9)	Frattolillo-A., Wood-C.	to Van Kalmthout-G., "Burley Line Capacity Increase and Chemical Evaluation", April 26, 1988
(10)	Frattolillo-A., Wood-C.	to Van Kalmthout-G., "Burley Capacity Trials", July 21, 1988
(11)	Van Kalmthout-G.	to distribution, "Capacity Increase P&S Dryers" meeting, August 26, 1988
(12)	Van der Scheun-H.J.	to distribution, "Capacity Increase Tests of Burley Line at BOZ on 01/09/88 and 02/09/88"
(13)	De Borst-E.	to Darrah-S., "Burley Capacity Increase BOZ", September 29, 1988
(14)	De Borst-E.	to Darrah-S., "Marlboro Burley Capacity Increase BOZ (acceptance confirmation), November 27, 1988
(15)	Willems-M.	to meeting participants, "Capacity Increase of the Burley Lines (proposal for other blends), November 11, 1988

ANF/CWO/cav/January 10, 1989
qr488turncwo

2028635367

Source: https://www.industrydocuments.ucsf.edu/docs/rrnm0000